

Notice of Allowability

Application No.

09/890,563

Examiner

Sow-Fun Hon

Applicant(s)

AMIMORI ET AL.

Art Unit

1772

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the second supplemental amendment dated 01/23/06 and terminal disclaimer dated 01/12/06.
2. ☒ The allowed claim(s) is/are 1,4,6,8-10,12,14,15,17 and 18.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 1/23/06.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other See Continuation Sheet.

Continuation of Attachment(s) 9. Other: The drawings filed 08/02/01 are accepted by the Examiner..

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/14/05 has been entered.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee. The application has been amended as follows:

3. In the specification, page 22, line 18, delete the phrase "according to claims 2, 5 and 6".

4. In the specification, page 1, insert as line 1: - - This application is a 371 of PCT/JP00/00622 filed February 4, 2000. - -

5. Claims 1, 4, 6, 8-10, 12, 14-15, 17-18, in the second supplemental amendment dated 01/23/06, are allowed.

6. The following is an examiner's statement of reasons for allowance:

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The closest cited prior art of record: US 5,909,314 fails to teach or suggest, even in view of US 5,747,152, US 4,963,624, US 3,614,199, US 2,407,680, and US 2,354,049, the combination of a film in a display device, having a high transmittance and matt property, comprising, on a transparent support, (a) a hard coat layer comprising a cross-linked binder polymer and particles incorporated therein, wherein the particles have a particle size of from 1.0 to 10 μm that is larger than the thickness of the hard coat layer thereby providing a concavo-convex structure, wherein said particles are set in contact with the transparent support, wherein a density of the particles is in a range of from 100 to 5000 particles/ m^2 , and wherein the particles are monodispersed transparent fine particles having a particle size distribution of 0.2 or less in terms of coefficient of variation, and (b) a low-refractive-index layer having a refractive index of 1.45 or less and a coefficient of kinetic friction of 0.2 or less, wherein the low-refractive-index layer covers said hard coat layer so as to maintain said concavo-convex structure formed by said particles incorporated in the hard coat layer, and wherein said low-refractive-index layer comprises a fluorine-containing macromolecular compound that is cross-linked by heat or ionization radiation, wherein the film shows a haze value of 1.0 % or more, and a total transmittance of light of 93.5 % or more, wherein occurrence of non-uniformity of brightness due to light interference is prevented by virtue of the high transmittance and matt property of the film, when the concavo-convex structure of a surface of the film is contacted with a smooth surface of a layer in the display device.

The terminal disclaimer dated 01/12/06 has removed US 6,559,915 and US 6,977,696 as valid prior art.


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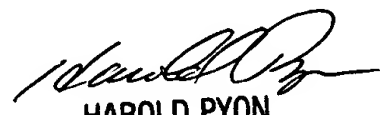
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication should be directed to Sow-Fun Hon whose telephone number is (571)272-1492. The examiner can normally be reached Monday to Friday from 10:00 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harold Pyon, can be reached at (571)272-1498. The fax phone number for the organization where this application or proceeding is assigned is (571)273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Sow-Fun Hon
01/23/06


HAROLD PYON
SUPERVISORY PATENT EXAMINER
1772

1/30/06